

- 4 -

Preferably, the service trader function is at least provided in the home network of the mobile subscriber.

- Furthermore, the service trader function may provide an
- 5 information about networks and service control points to which IN services have been downloaded.

- The service trigger information preferably may be a CAMEL subscription information. In this case, the location
- 10 information provided by the service trader function comprises at least a gsmSCF address and a service key.

- The service trader function may additionally comprise a function for searching an IN service on the basis of a
- 15 subscriber language.

- Furthermore, a rerouting to an actual location of the In service may be performed, when the IN service is not available at the location indicated by the location
- 20 information. The rerouting can be performed by the service trader function or by a service controller such as the CAMEL Service Environment of the mobile network.

- Alternatively, the updated service trigger information may
- 25 comprise an address information of a service controller to be contacted in case the IN service is not available at the location indicated by the location information.

- The location register means may be a home location register
- 30 or a visitor location register of the mobile network.

099784+31 101504  
105101-13487660

- 5 -

The location information provided by the service trader function may comprise an information element indicating a home network resident part of the IN service. Preferably, the information element can be a transparent data block only interpretable by a service logic of the IN service of a visited network, or may comprise an address and a service key which identifies the service logic of the IN service of the home network.

- 10 Furthermore, the above object is achieved by a method for distributing IN services to a mobile network, comprising the steps of:
- 15 providing a service trader function in the mobile network, the service trader function providing a location information of distributed IN services;
- checking the service trader function as to the location of an IN service, when the IN service is triggered; and downloading the IN service in accordance with the checking result.
- 20 Additionally, the above object is achieved by a system for distributing IN services to a mobile network, comprising: service trader means for providing a location information of distributed IN services; and
- 25 a mobile switching means for checking the service trader means as to the location of an IN service, when the IN service is triggered,
- wherein the mobile switching means is arranged to perform downloading of the IN service in accordance with the
- 30 checking result.

- 6 -

Accordingly, the service trader function is checked any time an IN service is triggered at the service mobile switching center of the concerned mobile subscriber. Thereby, the location information of the nearest IN service can be obtained at the currently visited network, such that the IN service can be downloaded and executed at the visited network.

Additionally, the service trader function may provide a function for selecting a voice service information. Thereby, the service trader function can be checked for voice services, when the subscriber needs to be connected to an announcement or a voice application.

Preferrably, the service trader function may be arranged to obtain a service controller address of an IN service in a visited network from a service controller of the visited network based on a home service controller address of the IN service, when the IN service is downloaded from the home network to the visited network. In this case, the service trader function may forward a trigger information to the service controller of the visited network, when the IN service is triggered.

The service trader means may be arranged as a separate network element. Thereby, any home location register or mobile switching means may access the service trader means in order to obtain the required IN service information.

Furthermore, the above object is achieved by a network element for a mobile network, comprising:

09978431-101504